

Set Items Description

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Spray jet-carrying robot arm mechanism - has swing axes of forearm and upper arm in positions not parallel to each other

Patent Assignee: BAYERISCHE MOTOREN WERKE AG (BAYM)

Inventor: SCHAUWECKE H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
DE 3301022	A	19840726	DE 3301022	A	19830114		198431 B

Priority Applications (No Type Date): DE 3301022 A 19830114

Patent Details:

Patent	Kind	Lan	Pg	Filing Notes	Application	Patent
DE 3301022	A		8			

Abstract (Basic): DE 3301022 A

The mechanism consists of a pedestal (7) on which a two part upper arm mechanism (8) is seated on a pivot axis (9). On one part (8a) of the mechanism, a forked part (8b) is fitted, swivelling around an axis (10). Another part (11a) of the forearm mechanism (11) swings around an axis (12) between the fork.

The combined position of the axes is such that the second axis (12) is not parallel to the first (9). The wrist mechanism (12,13) carrying the spray nozzle assembly (14,15) can reach the inner spaces of the body, even when the lids (5,6) are already fitted.

USE/ADVANTAGE - as robot arm mechanism for spraying car bodies, to reach the inner surfaces of the bodies, e.g. boot spaces and engine compartments, even when the corresponding lids are already in place and lifted-up.

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Title Terms: SPRAY; JET; CARRY; ROBOT; ARM; MECHANISM; SWING; AXIS; FOREARM ; UPPER; ARM; POSITION; PARALLEL

Derwent Class: P62

International Patent Class (Additional): B25J-011/00

File Segment: EngPI

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